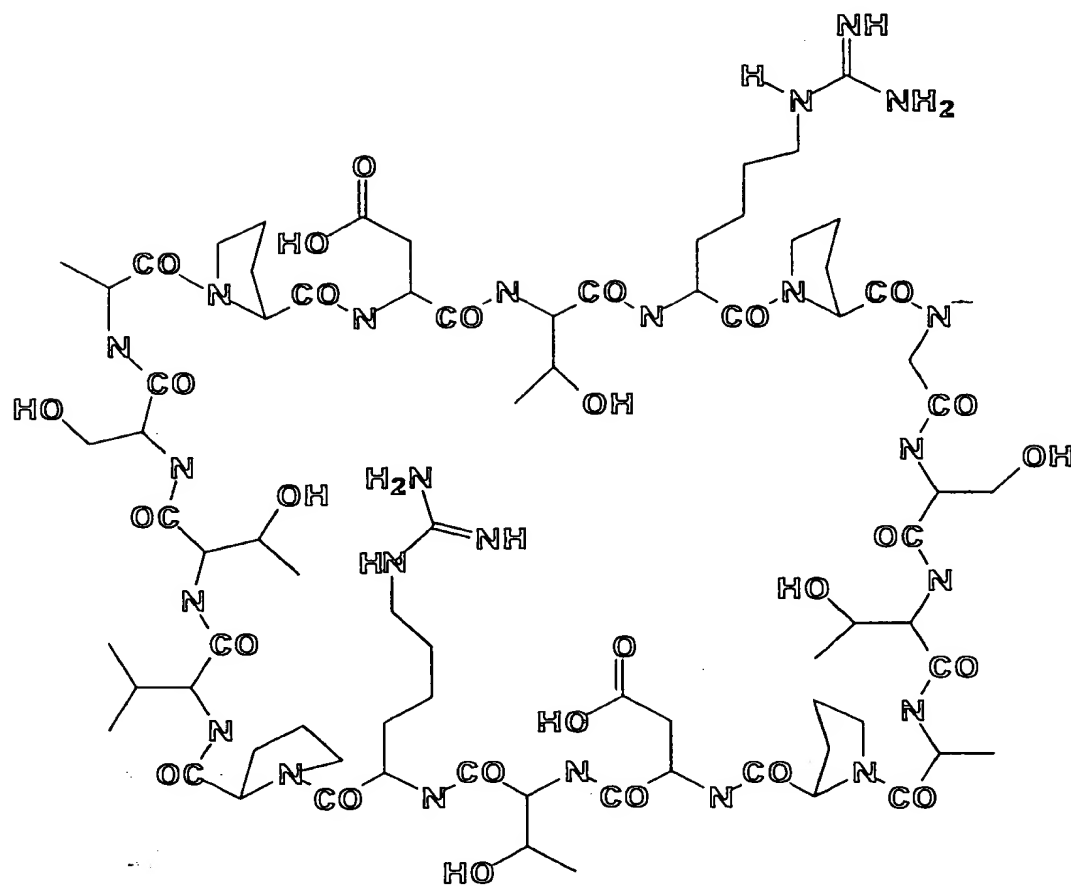


**Combinatorial glycopeptides**

O<sub>1</sub>, O<sub>2</sub>, O<sub>3</sub> = Glycosylation sites

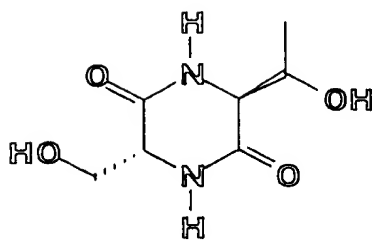
R<sub>1</sub> to R<sub>5</sub> = Side chains that create site specificity

**Figure 1**

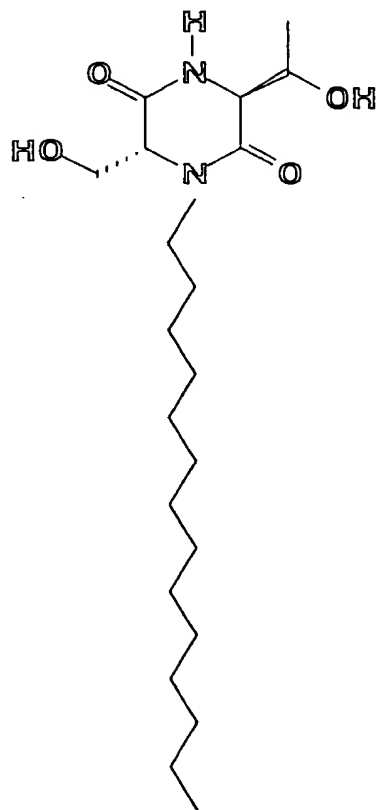


A CYCLIC MUC1 PEPTIDE

Figure 2



**THE SIMPLEST CYCLIC PEPTIDE**



**A SOLUBLE VERSION OF THE ABOVE (with C<sub>14</sub> lipid)**

**Figur 3**

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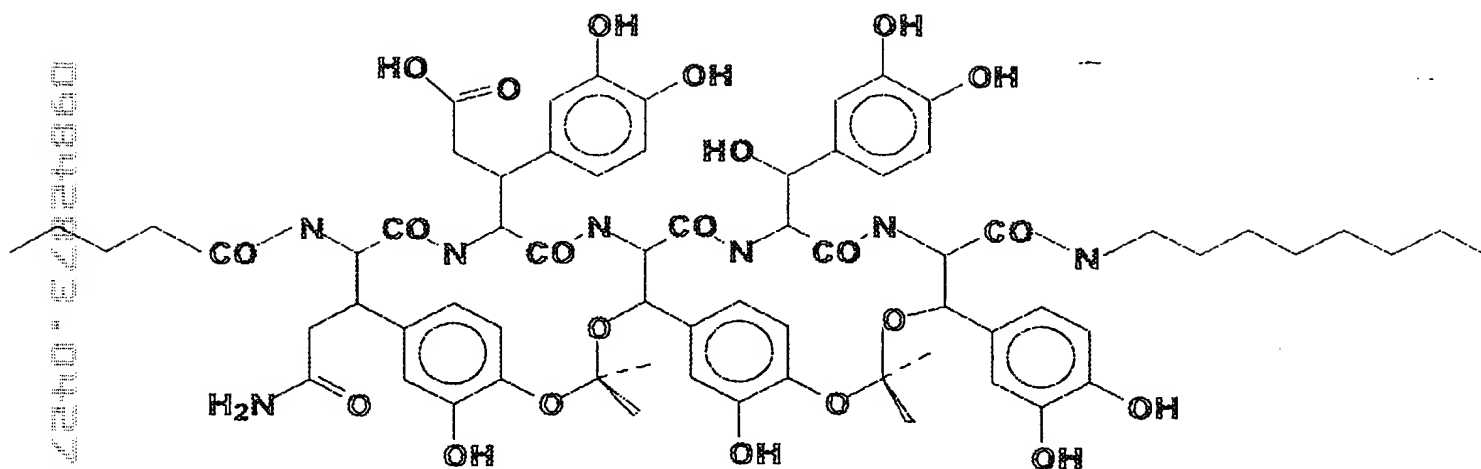


Figure 4

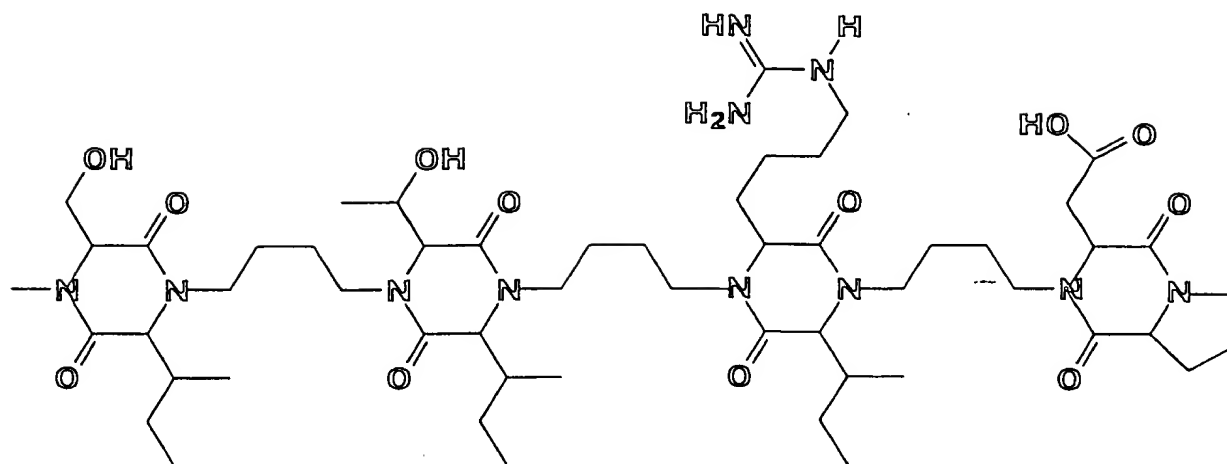
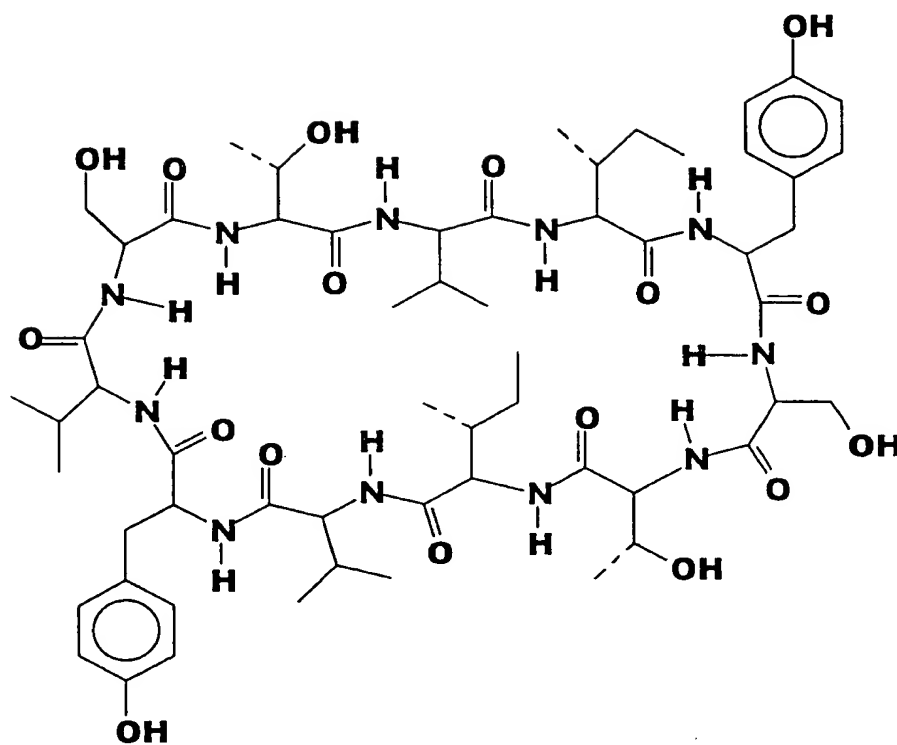


Figure 5

09342873, 042701



***AN EXAMPLE OF A CYCLIC PEPTIDE FOR RANDOM GLYCOSYLATIONS***

**ABILITY OF SUCH PEPTIDES MAY BE ENHANCED BY HYDROPHOBIC GROUPS**

**Figure 6**

# FIGURE 8.

Title: RANDOMLY GENERATED  
GLYCOPEPTIDE COMBINATORIAL  
LIBRARIES  
Inventor(s): R. Rao KOGANTY et al.  
Atty. Dkt. No.: 042881/0156  
Sheet 7 of 7

## Functional Demonstration of Glycopeptide Library With Well Characterized Monoclonal Antibodies

